

ABSTRACT OF THE DISCLOSURE

A novel C-glycoside of isopropylthiogalactoside (IPTG), isobutyl-C-galactoside (IBCG), is described. IBCG may be used as an IPTG substitute for increased induction of protein expression of plasmid-based genes for the production of recombinant proteins
5 under the control of the *lac* promoter. IBCG offers the advantage over IPTG of being stable at ambient temperature.

10